

GP-303183

PHASE-CHANGE COOLING SYSTEM

ABSTRACT OF THE DISCLOSURE

A phase-change cooling system for a vehicle includes an electronic control device for receiving power from a power source and having a first temperature. The phase-change cooling system also includes a condenser of an air conditioning system of the vehicle thermally communicating with the electronic control device and having a second temperature less than the first temperature to remove heat from the electronic control device due to a phase-change of coolant in the condenser.